

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090919\
 Data File : BF116914.D
 Acq On : 9 Sep 2019 23:13
 Operator : HP/JU
 Sample : K4758-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-0-4

Quant Time: Sep 10 03:04:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

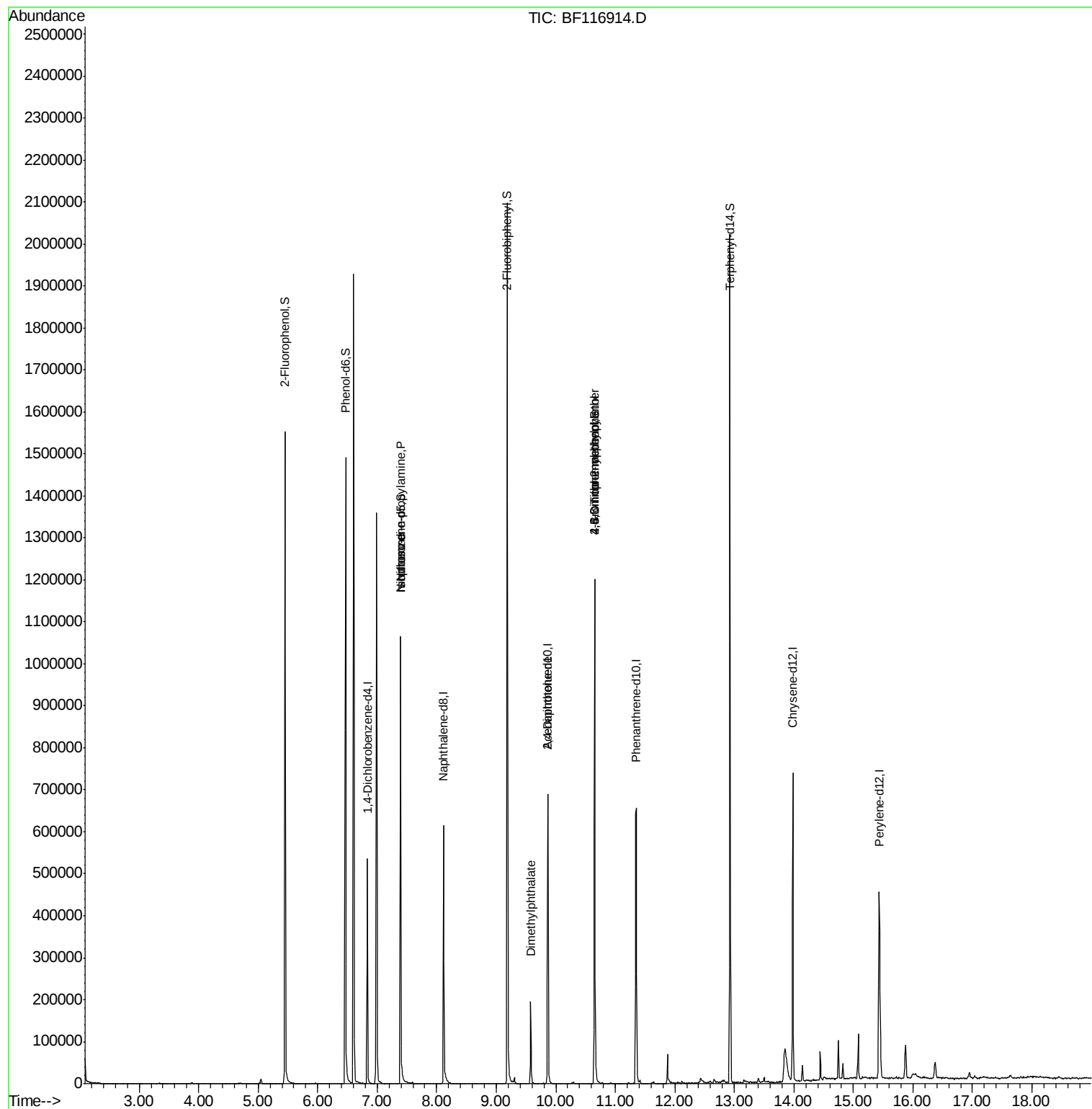
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	75136	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	311886	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	160357	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	275846	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	229576	20.00	ng	-0.02
87) Perylene-d12	15.43	264	217276	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	441849	95.27	ng	-0.01
7) Phenol-d6	6.47	99	600244	98.56	ng	-0.01
23) Nitrobenzene-d5	7.39	82	366927	67.16	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	135412	126.31	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	638425	67.16	ng	-0.02
79) Terphenyl-d14	12.93	244	696152	56.10	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	49363	12.310	ng	# 70
25) Isophorone	7.39	82	366974	33.149	ng	# 66
50) Dimethylphthalate	9.58	163	91950	8.305	ng	97
57) 2,4-Dinitrotoluene	9.86	165	20466	7.924	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.65	198	164	7.587	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	8651	3.087	ng	# 1

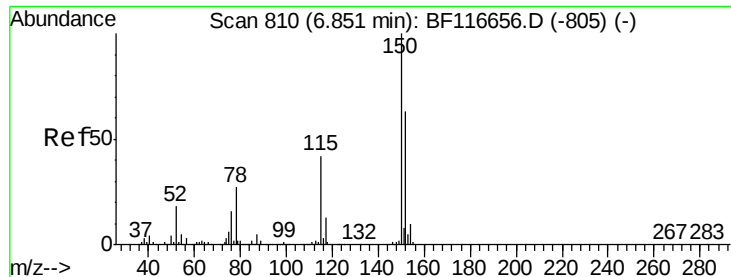
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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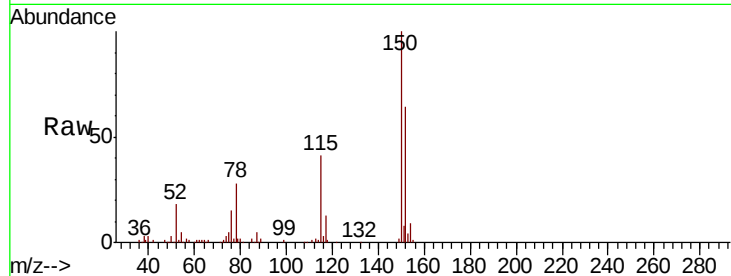


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116914.D
Acq: 9 Sep 2019 23:13

Instrument :
BNA_F
ClientSampleId :
B-0-4

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.4	186.6
115	64.5	49.9	74.9

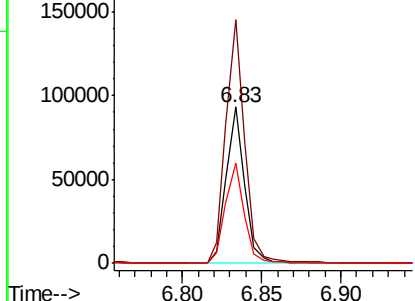
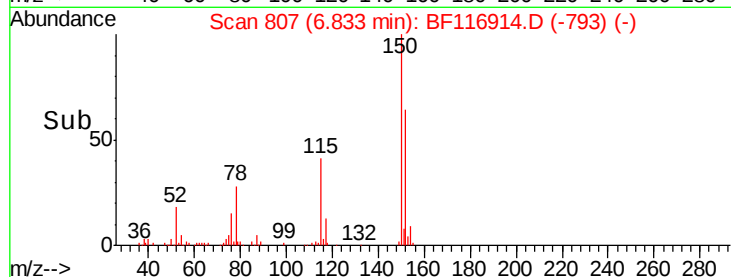


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

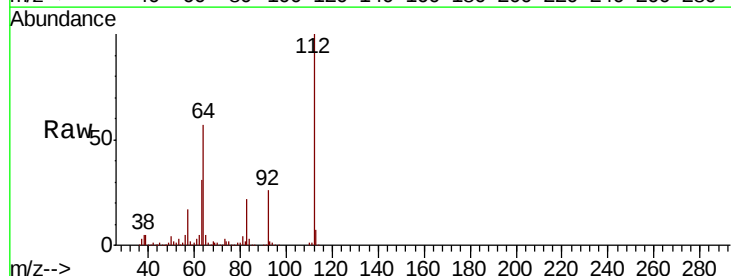
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.270 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF116914.D
Acq: 9 Sep 2019 23:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.1	70.7
63	31.0	24.9	37.3

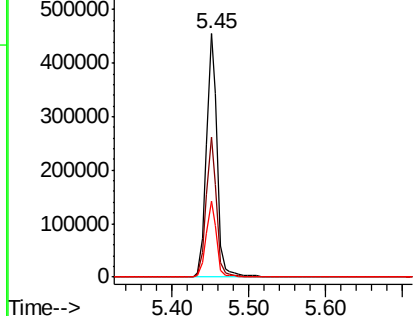
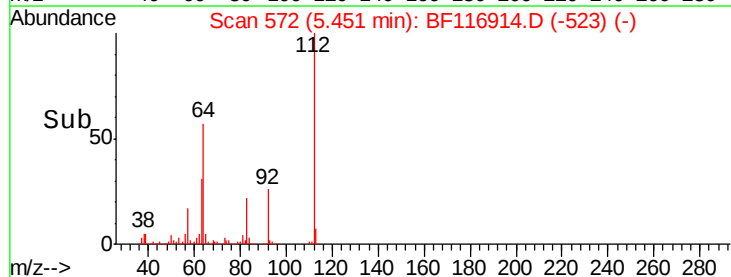


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 98.562 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116914.D

Acq: 9 Sep 2019 23:13

Instrument :

BNA_F

ClientSampleId :

B-0-4

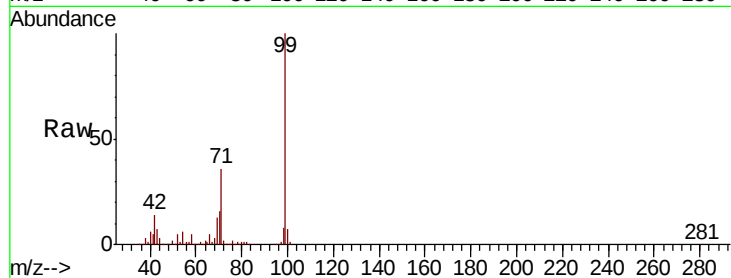
Tgt Ion: 99 Resp: 600244

Ion Ratio Lower Upper

99 100

42 14.2 13.7 20.5

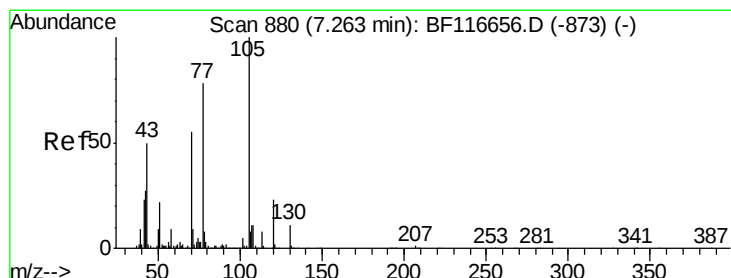
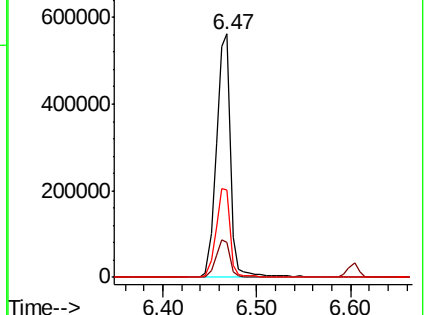
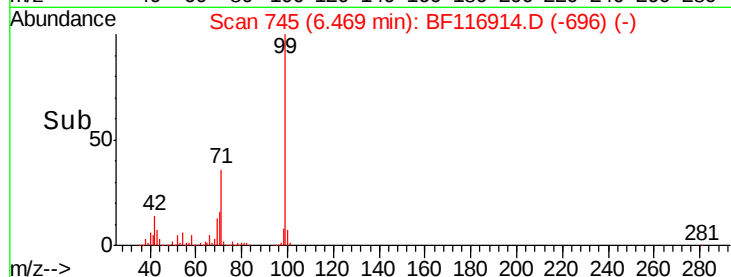
71 36.2 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.310 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF116914.D

Acq: 9 Sep 2019 23:13

Tgt Ion: 70 Resp: 49363

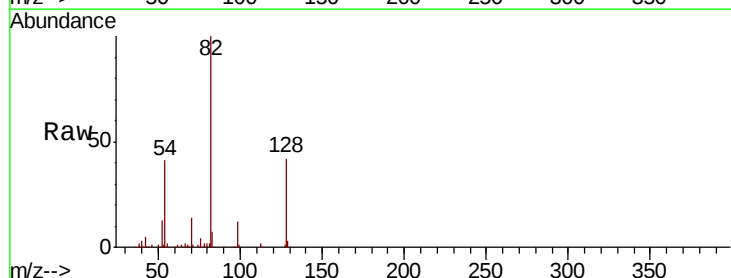
Ion Ratio Lower Upper

70 100

42 35.3 43.5 65.3#

101 0.0 7.8 11.6#

130 1.7 16.6 24.8#

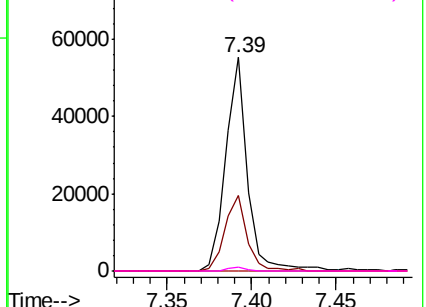
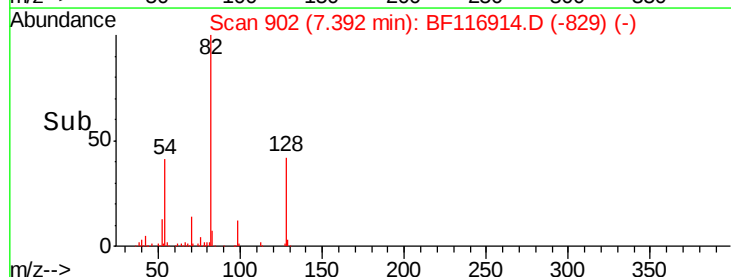


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

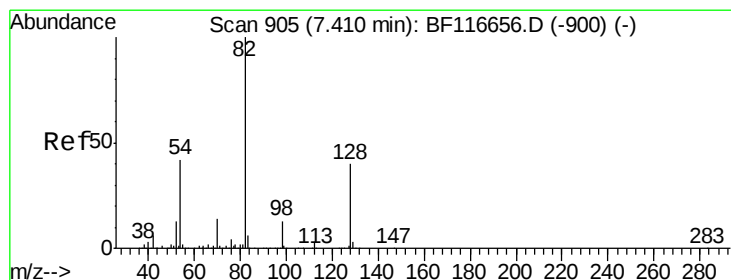
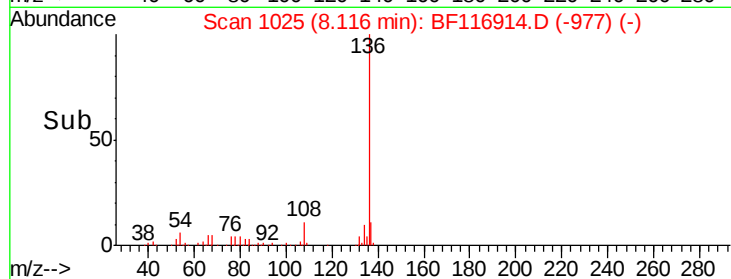
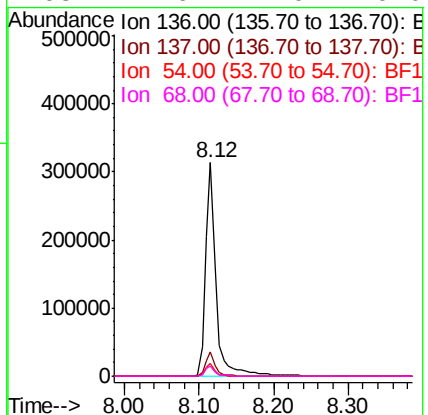
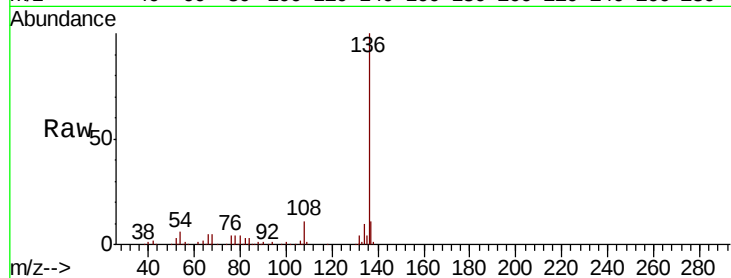




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF116914.D
Acq: 9 Sep 2019 23:13

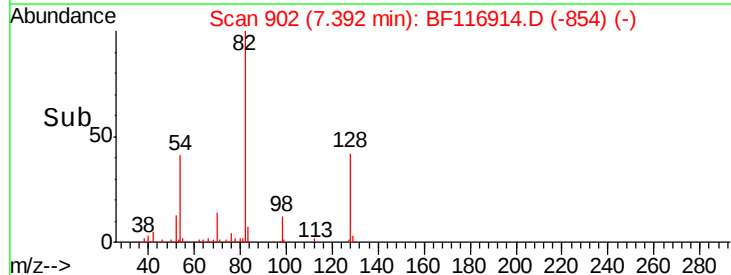
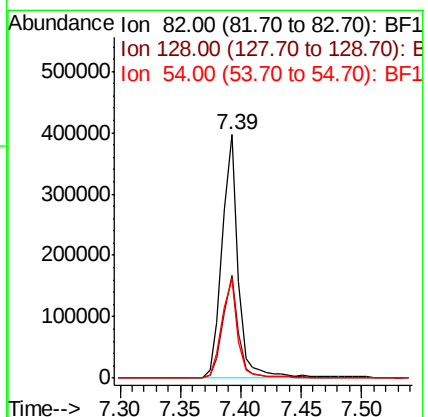
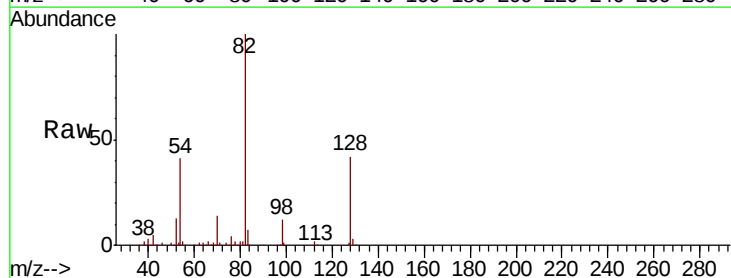
Instrument :
BNA_F
ClientSampleId :
B-0-4

Tgt Ion:	136	Resp:	311886
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	5.9	4.8	7.2
68	4.6	4.0	6.0



#23
Nitrobenzene-d5
Concen: 67.162 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF116914.D
Acq: 9 Sep 2019 23:13

Tgt Ion:	82	Resp:	366927
Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.8	49.2
54	40.6	36.9	55.3





#25

Isophorone

Concen: 33.149 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF116914.D

Acq: 9 Sep 2019 23:13

Instrument :

BNA_F

ClientSampleId :

B-0-4

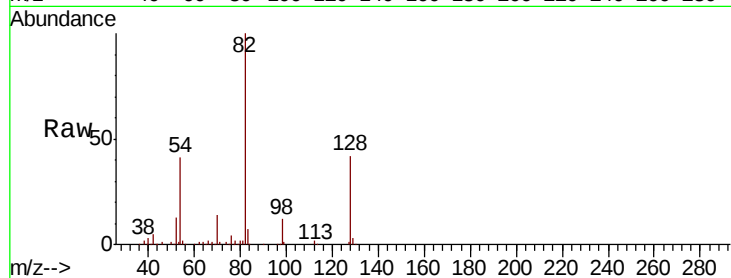
Tgt Ion: 82 Resp: 366974

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

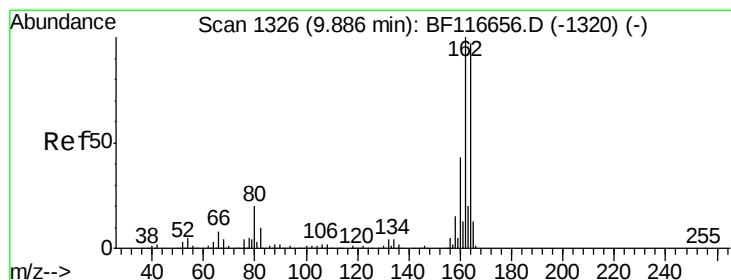
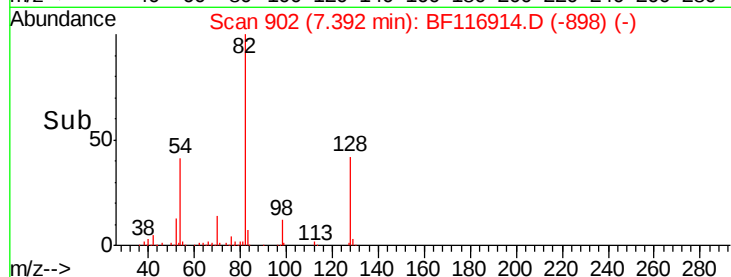
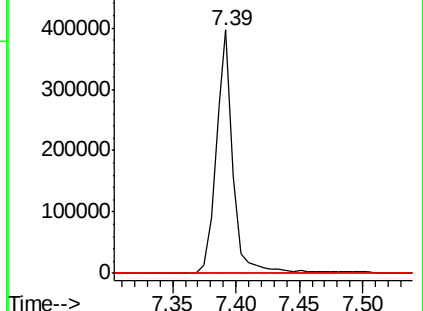
138 0.0 13.5 20.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF116914.D

Acq: 9 Sep 2019 23:13

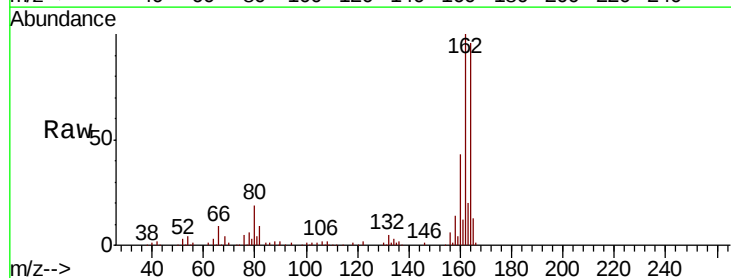
Tgt Ion: 164 Resp: 160357

Ion Ratio Lower Upper

164 100

162 104.6 81.4 122.0

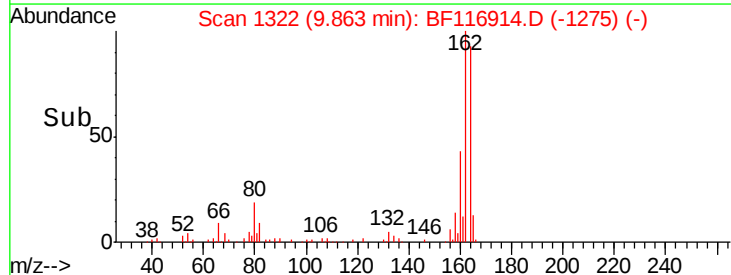
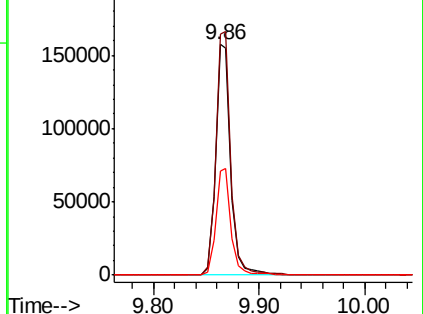
160 45.0 35.4 53.2

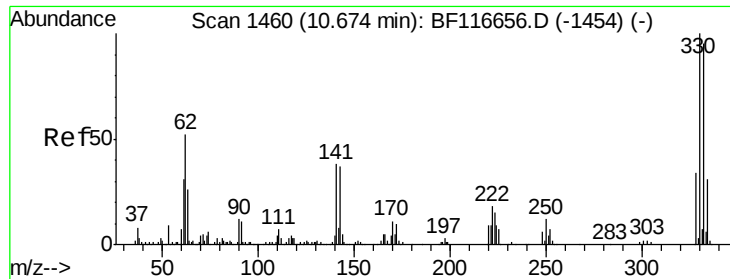


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

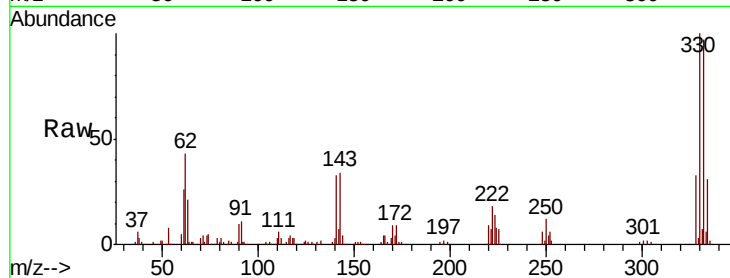




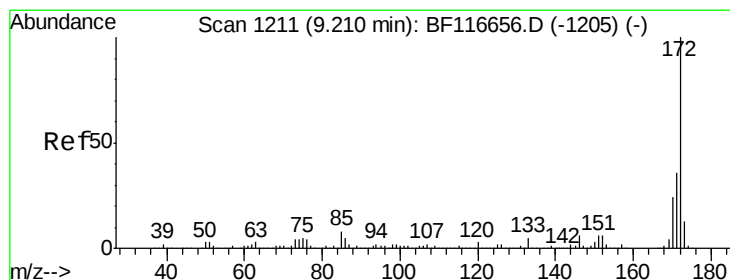
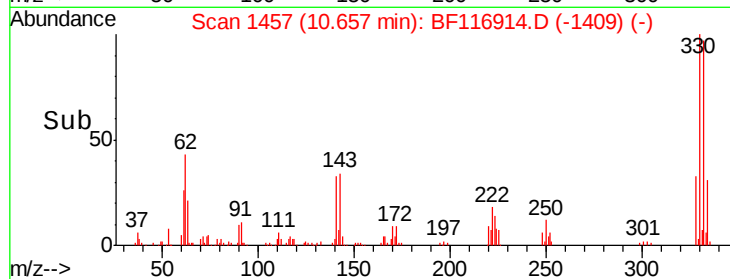
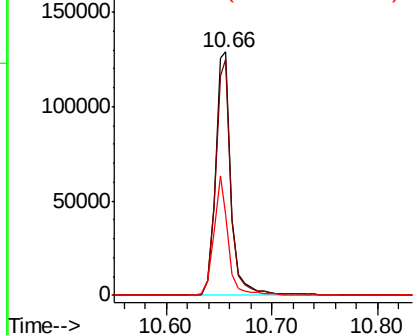
#42
 2,4,6-Tribromophenol
 Concen: 126.315 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF116914.D
 Acq: 9 Sep 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 B-0-4

Tgt Ion:330 Resp: 135412
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.9 115.3
 141 44.5 31.4 47.2

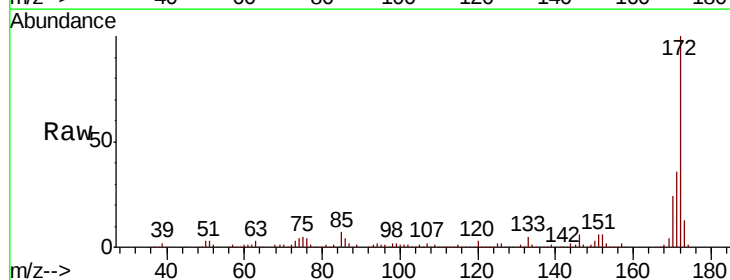


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

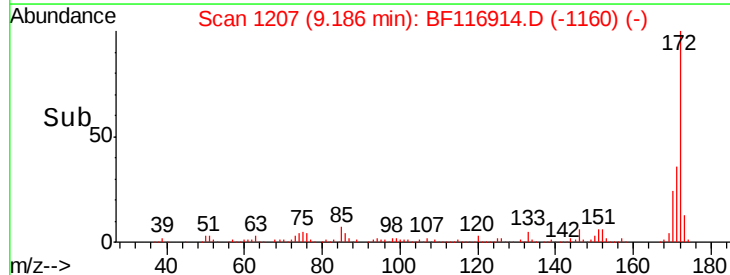
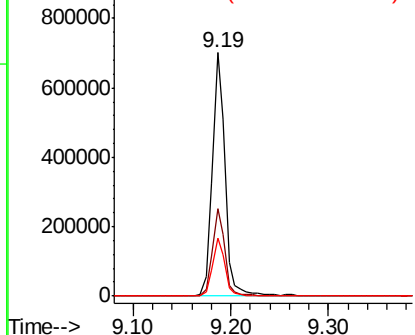


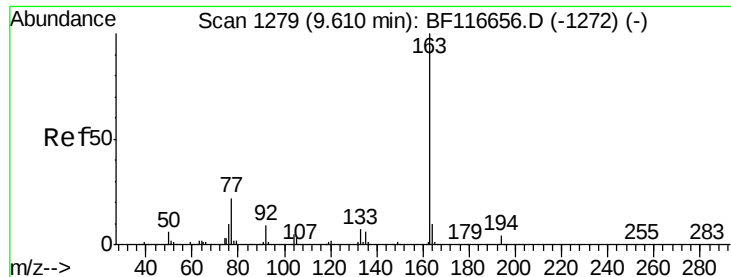
#45
 2-Fluorobiphenyl
 Concen: 67.160 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116914.D
 Acq: 9 Sep 2019 23:13

Tgt Ion:172 Resp: 638425
 Ion Ratio Lower Upper
 172 100
 171 36.1 27.8 41.6
 170 23.7 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

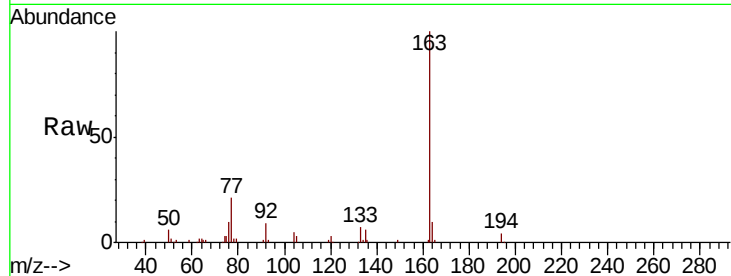




#50
Dimethylphthalate
Concen: 8.305 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BF116914.D
Acq: 9 Sep 2019 23:13

Instrument :
BNA_F
ClientSampleId :
B-0-4

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.5	8.6	12.8

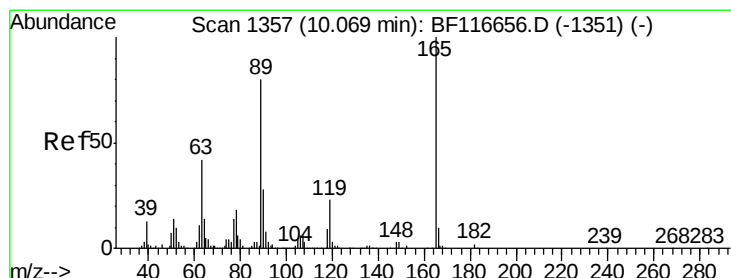
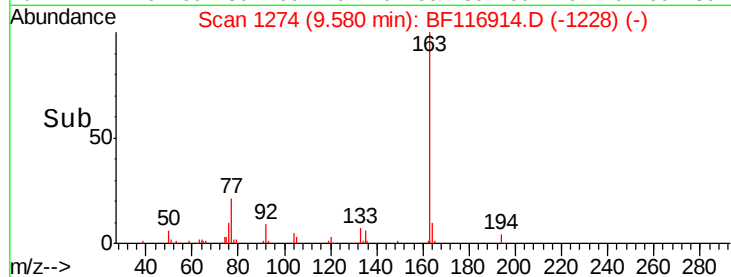
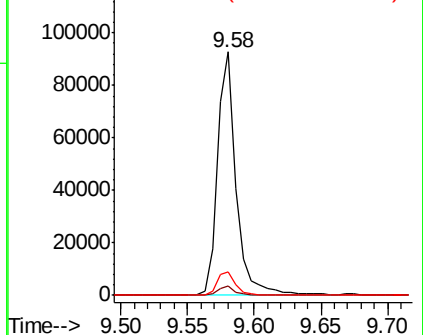


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57
2,4-Dinitrotoluene
Concen: 7.924 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.21 min
Lab File: BF116914.D
Acq: 9 Sep 2019 23:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	62.6	94.0#
182	0.0	2.1	3.1#

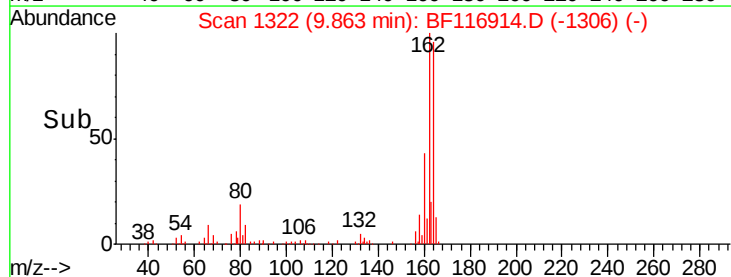
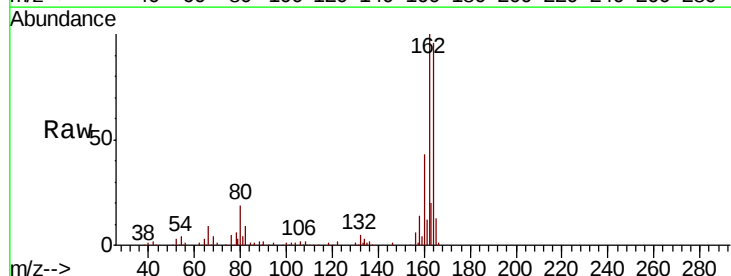
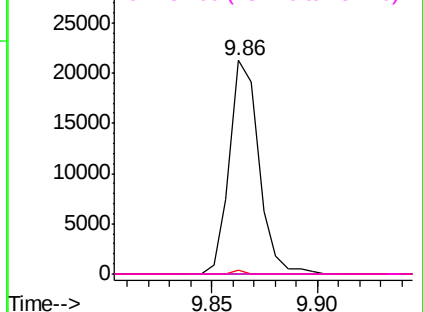
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF116914.D

Acq: 9 Sep 2019 23:13

Instrument :

BNA_F

ClientSampleId :

B-0-4

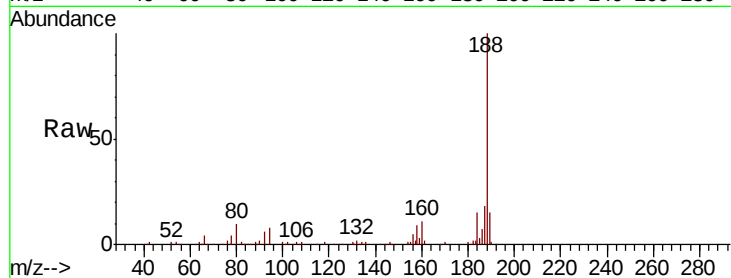
Tgt Ion:188 Resp: 275846

Ion Ratio Lower Upper

188 100

94 8.3 7.3 10.9

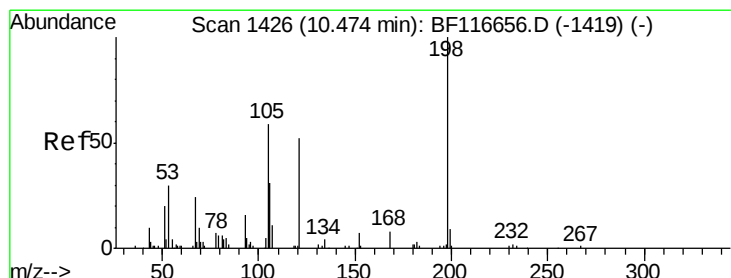
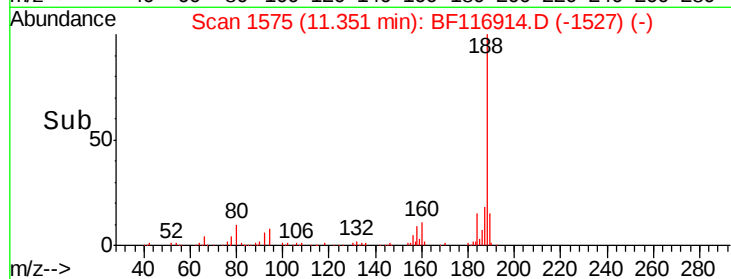
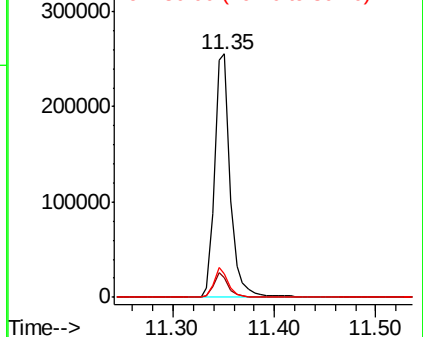
80 9.5 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.587 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.18 min

Lab File: BF116914.D

Acq: 9 Sep 2019 23:13

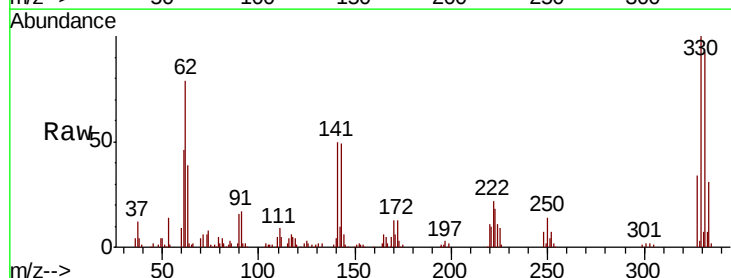
Tgt Ion:198 Resp: 164

Ion Ratio Lower Upper

198 100

51 145.9 18.4 58.4#

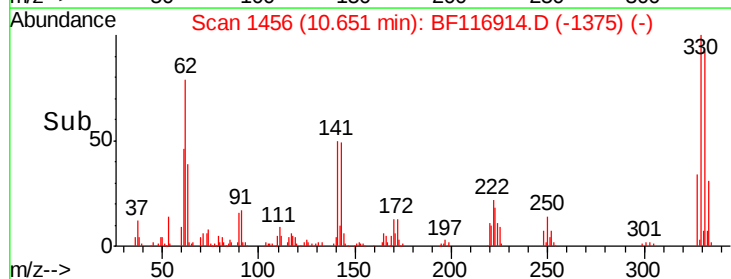
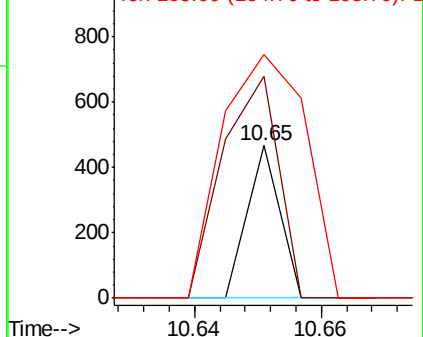
105 159.9 22.9 62.9#

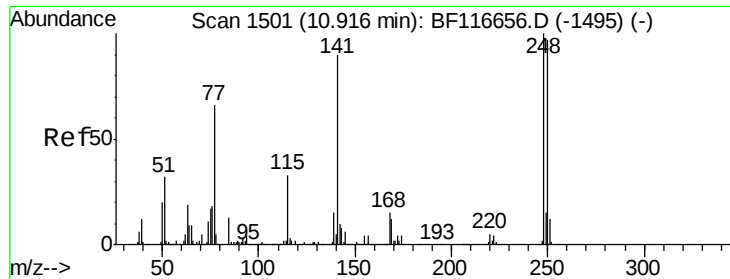


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

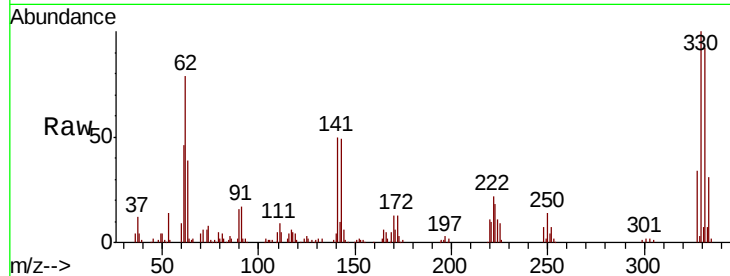




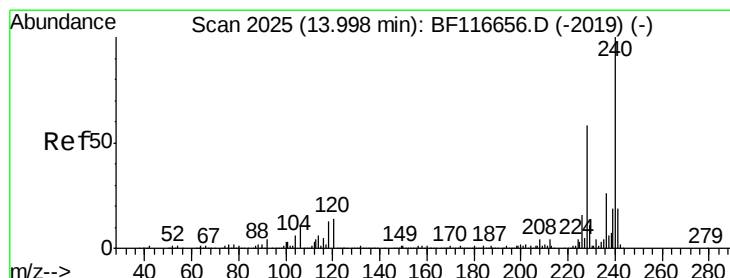
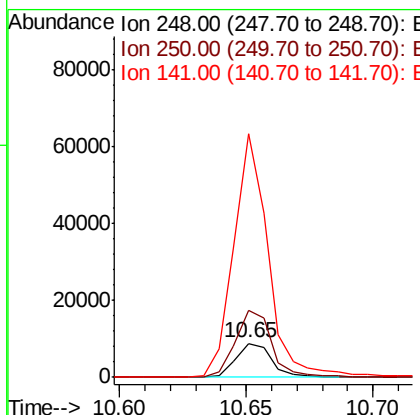
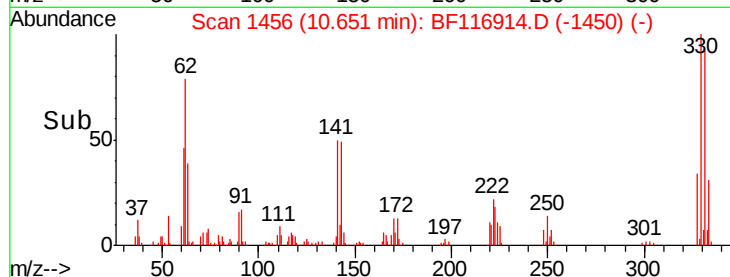
#67
 4-Bromophenyl-phenylether
 Concen: 3.087 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.26 min
 Lab File: BF116914.D
 Acq: 9 Sep 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 B-0-4

Tgt Ion:248 Resp: 8651
 Ion Ratio Lower Upper
 248 100
 250 194.1 77.8 116.8#
 141 711.8 75.9 113.9#

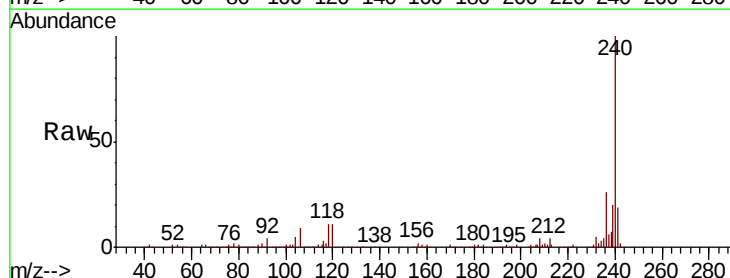


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

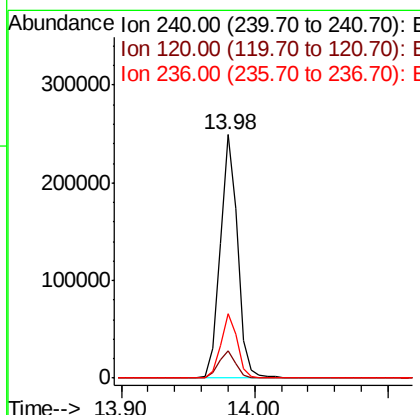
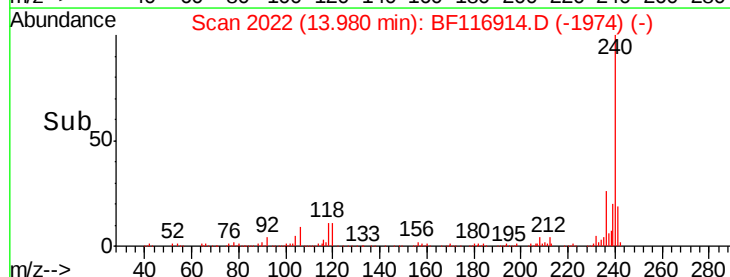


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF116914.D
 Acq: 9 Sep 2019 23:13

Tgt Ion:240 Resp: 229576
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.1 13.7
 236 26.4 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 56.096 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF116914.D

Acq: 9 Sep 2019 23:13

Instrument :

BNA_F

ClientSampleId :

B-0-4

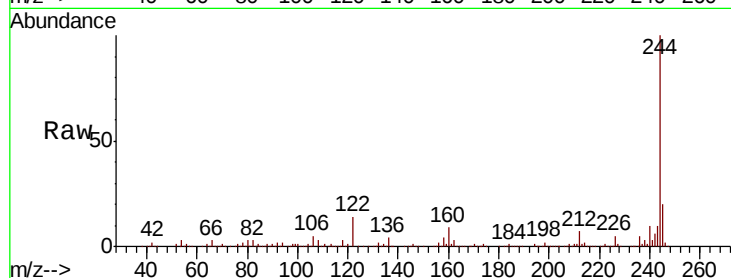
Tgt Ion:244 Resp: 696152

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

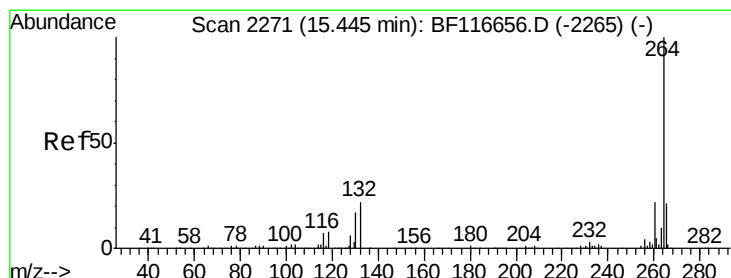
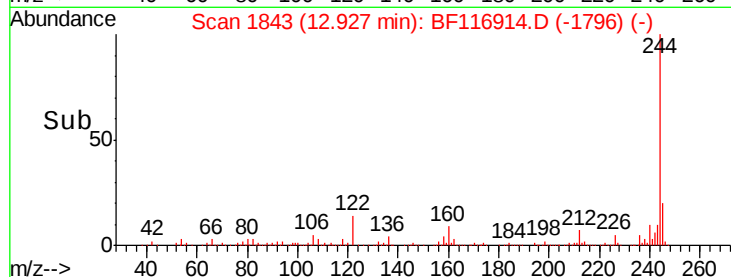
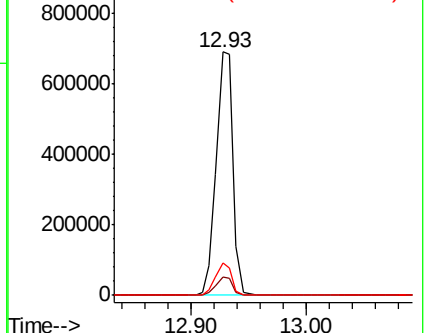
122 13.6 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF116914.D

Acq: 9 Sep 2019 23:13

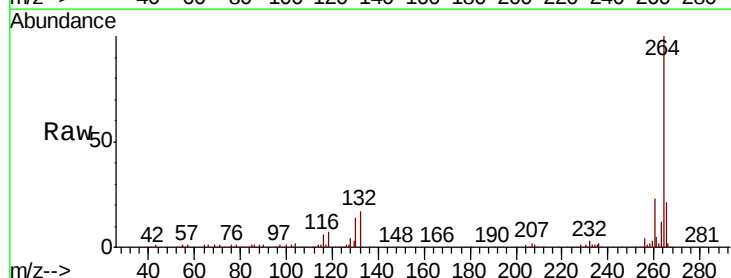
Tgt Ion:264 Resp: 217276

Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 21.4 16.5 24.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

